

Title (en)
LINEAR FIBER ARMATURE FOR ELECTROMAGNETIC LAUNCHERS

Publication
EP 0182947 B1 19890524 (EN)

Application
EP 84308277 A 19841129

Priority
EP 84308277 A 19841129

Abstract (en)
[origin: EP0182947A1] An armature, for conducting very large DC currents between a pair of electrically conductive rails while being driven along the rails under the influence of electromagnetic forces generated by the application of the currents, including a plurality of spiraled conductive fibers. The fibers pass through a sleeve and are compacted to a maximum packing density within the sleeve to form a single solidified connection. A brush assembly formed by the sleeve and fibers is mounted on an insulating support structure adapted to slide between the rails of an electromagnetic launcher.

IPC 1-7
F41F 1/02

IPC 8 full level
F41B 6/00 (2006.01); **H01R 41/00** (2006.01)

CPC (source: EP)
F41B 6/006 (2013.01); **H01R 41/00** (2013.01)

Cited by
DE102005055706B4; DE4422394B4

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
EP 0182947 A1 19860604; EP 0182947 B1 19890524; DE 3478341 D1 19890629

DOCDB simple family (application)
EP 84308277 A 19841129; DE 3478341 T 19841129